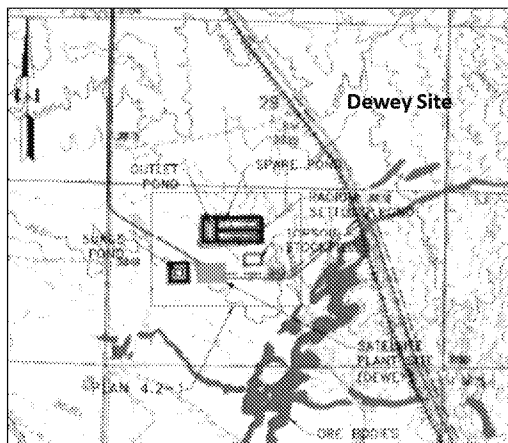


The Dewey Burdock site is located in the SW corner of Custer County and the NW corner of Fall River County on the Wyoming/South Dakota border. In the southern Black Hills. About 45 miles west of the Pine Ridge Reservation. Very close to Cheyenne River which is a concern for Oglala Sioux and Cheyenne River Sioux Tribes since the Cheyenne River borders their reservations.

Treatment and Storage Ponds for Deep Well Injectate



Waste fluids from the uranium recovery process will be treated in the radium settling ponds. After radium removal, the treated water will be stored in the outlet ponds and surge ponds. There will also be a spare radium treatment pond for backup. After treatment, the water will flow to the deep injection wells.

The Burdock Area central plant pond will store brine from the reverse osmosis treatment process used during groundwater restoration before the brine is treated in the radium settling ponds.

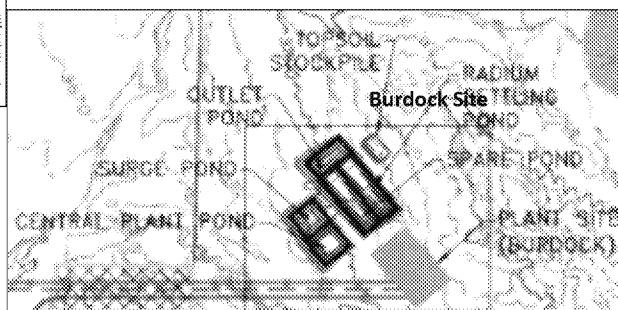


Figure 2. The Proposed Ponds for the Treatment and Storage of the Deep Injection Well Injectate.

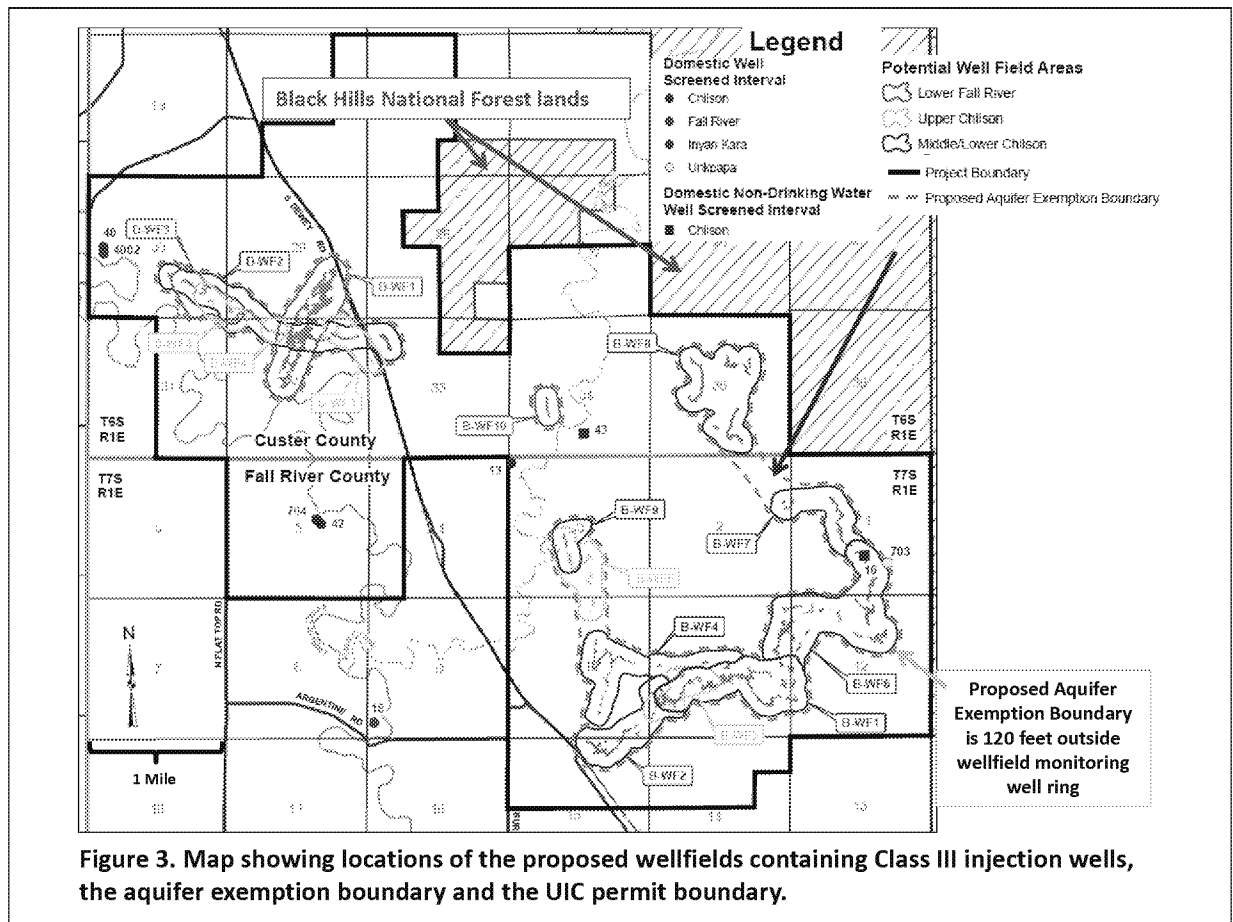
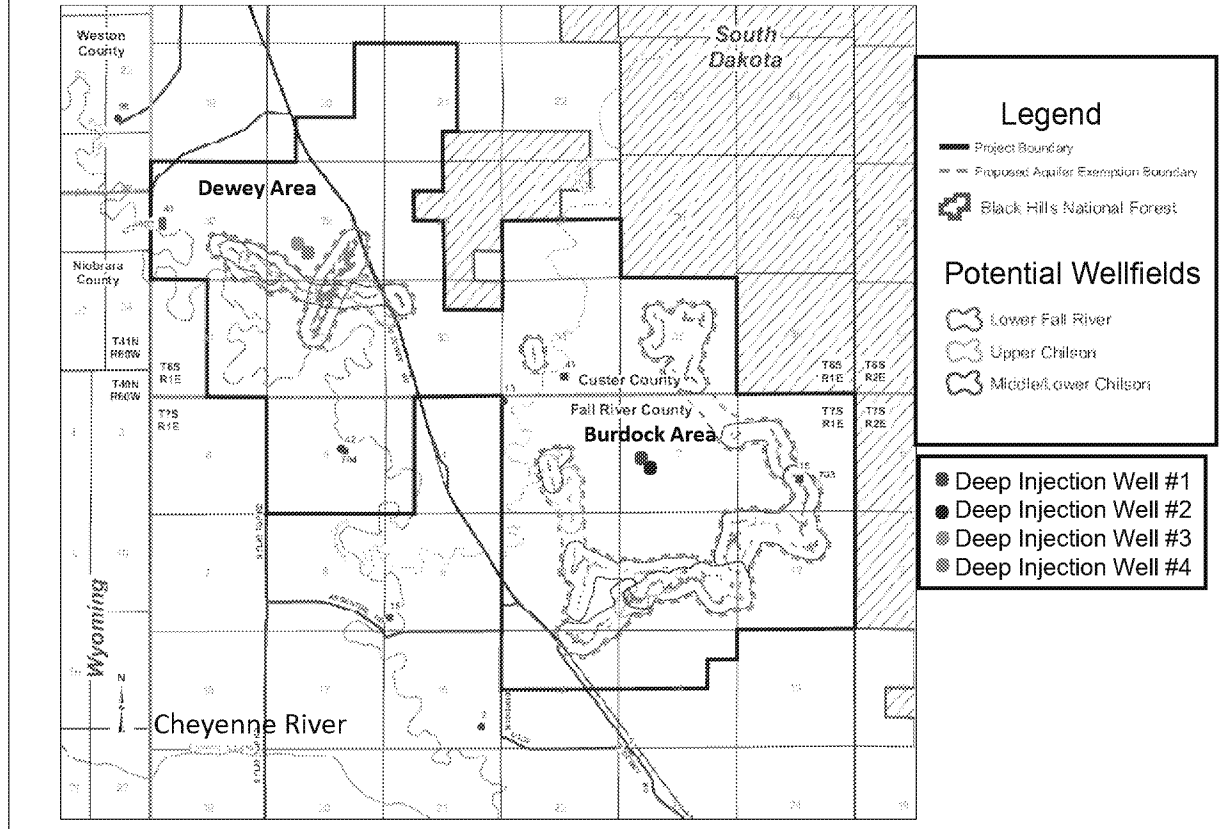


Figure 3. Map showing locations of the proposed wellfields containing Class III injection wells, the aquifer exemption boundary and the UIC permit boundary.

Figure 2. Dewey Burdock Permit Area Showing Proposed Aquifer Exemption Boundary

**Figure 4. Map showing locations for the four currently proposed deep injection wells.
Powertech may construct up to eight deep injection wells.**



Point out
SD WY Border
Custer and Fall River Counties
Dewey Area & Burdock Area
4 proposed wellfields in Dewey Area & 10 proposed wellfields in the Burdock Area.